

## SERVICE INSTALLATION CHECKLIST

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If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

<b>Operator: AMEREN ILLINOIS COMPANY</b>	Operator ID#: 32513
<b>Inspection Date(s): 12/15/2015, 12/16/2015, 12/17/2015</b>	Man Days: 3
<b>Inspection Unit: Champaign</b>	
<b>Location of Audit: Champaign</b>	
<b>Exit Meeting Contact: John Sigler</b>	
<b>Inspection Type: Design Testing and Construction</b>	
<b>Pipeline Safety Representative(s): Donald Hankins</b>	
<b>Company Representative to Receive Report: Michael Fuller</b>	
<b>Company Representative's Email Address: mfuller2@ameren.com</b>	

CONSTRUCTION INFORMATION		
<b>Location of Construction:</b> 605 West Michigan Street, Urbana, Illinois	<b>Construction Performed By:</b> Ameren Illinois Crew	
<b>Contractor Foreman:</b>	No contractor on this job	
<b>Operator Inspector:</b>	John Sigler, Quality Assurance	
Person(s) On Job Site		
Robert Bell	Dan Zwilling	Jordan Frerichs
Alan Harmon	Jason Little	Brett Harris
<b>Description of Construction:</b> Ameren Illinois crew was installing a new plastic service line to 605 West Michigan Street, in Urbana, Illinois. The service line was a 1 inch Driscoplex pipe, ASTM D-2513, PE 2406/2708, and air tested to 102 # for 10 minutes, with no leaks being found.		

SERVICE INSTALLATION		Status
[192.55]	Steel	<b>No</b>
<b><u>General Comment:</u></b> <i>No steel pipe was installed during this audit.</i>		
[192.59]	PE	<b>Yes</b>
<b><u>General Comment:</u></b> <i>The pipe was 1 inch Driscoplex pipe,</i>		
[192.59]	Other	<b>No</b>

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<b><u>General Comment:</u></b>		
<i>No other pipe was installed.</i>		
[192.619,192.621,192.623]	MAOP	<b>60#</b>
[192.5]	Class location :	<b>Class 3</b>
[192.53]	Are components qualified for use?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>All components were qualified to use on this job.</i>		
[192.63(a)(2)]	Pipe Size :	<b>1 inch</b>
[192.55,192.59]	Specification :	<b>ASTM D-2513</b>
[192.55,192.59]	Manufacturer :	<b>Driscopex</b>
[192.55,192.59]	Pipe Grade :	<b>2406/27608</b>
[192.55,192.59]	Wall Thickness :	<b>.099 wall</b>
[192.63]	Are pipe, valves, and fittings properly marked for identification?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The pipe and all fittings were properly marked.</i>		
[192.227]	Welder qualification date:	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No welder was on this job.</i>		
[192.227]	Welder's Name:	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>No welder was on this job.</i>		
[192.225,192.275,192.277,192.279,192.283]	Is pipe joined in accordance with approved written procedures?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Pipe was joined according to O&amp;M procedures.</i>		
[192.285]	Date of Qualification :	<b>2-4-15</b>
[192.285]	Joiner's name:	<b>Dan Zwilling</b>
[192.455]	Is buried metallic pipe coated?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		
<i>There was no buried metallic pipe at this job site.</i>		
[192.455(a)(1)]	Is cathodic protection being provided?	<b>Not Applicable</b>
<b><u>General Comment:</u></b>		

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<i>No cathodic protection at this job, the piping was all plastic.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Anodes:	<b>No</b>
<b><u>General Comment:</u></b> <i>This is an all plastic system.</i>		
[192.455(a)(1)]	Is cathodic protection being provided? By Rectifier:	<b>No</b>
<b><u>General Comment:</u></b> <i>This is an all plastic system.</i>		
[192.461]	Does coating meet 192.461?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>This is an all plastic system.</i>		
[192.461(c)]	Is coating inspected just prior to being installed in the ditch?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>This is an all plastic system.</i>		
[192.479]	Are above ground facilities cleaned and coated or jacketed as needed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The above ground facilities were clean and coated at this job site.</i>		
[192.467]	Are pipelines electrically isolated from other underground metallic structures?	<b>Not Applicable</b>
<b><u>General Comment:</u></b> <i>No underground metallic structures were located in this area.</i>		
[192.319]	Is ditch back-filled to provide firm support and prevent damage to pipe or coating?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>The ditch was back filled to provide support to the new pipe that was installed,</i>		
[192.321(c)]	Is plastic pipe installed as to minimize shear and tensile forces?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>A protective sleeve was installed at the tapping tee to protect the piping that was fused into the tapping tee.</i>		
[192.321]	Does plastic pipe have means of locating while underground?	<b>Satisfactory</b>
<b><u>General Comment:</u></b> <i>Tracer wire was installed alongside the new service line that was installed.</i>		
[192.327(a)]	Is required cover being obtained for the service line?	<b>Satisfactory</b>

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<b><u>General Comment:</u></b>		
<i>Required cover was maintained at a depth of 36 inches.</i>		
[192.503]	Are general testing requirements being met?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The new service line and tap was air tested to 102# for 10 minutes with no leaks being found.</i>		
[192.517]	Are records being made of strength and leak tests?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Records are being maintained of the strength and leak test.</i>		
[192.807]	Were covered employees Operator Qualification records reviewed to ensure qualification?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>OQ records were inspected for qualifications of the employees on the job site.</i>		
[192.805(c)]	Were non-qualified personnel being directed and observed by a qualified individual?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Non-qualified employees were being directly observed by qualified employees.</i>		
[192.805(c)]	Were span of control limitations being followed?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>Span of control was being followed, by one on one observation.</i>		
Was a Protocol 9 (Form 15) Completed?		<b>No</b>
<b><u>General Comment:</u></b>		
<i>A protocol 9 was not completed at this time.</i>		
[192.614]	Were One Call Notifications performed as required?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>The Ameren crew had a Julie number for this job.</i>		
[192.614]	Dig Ticket #	<b>A003360219</b>
[192.383(b)]	Is an EFV installed on any new or replaced service line serving a single-family residence?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		
<i>An EFV valve was installed at the tapping tee.</i>		
[192.751]	Are adequate steps taken to minimize the potential for accidental ignition?	<b>Satisfactory</b>
<b><u>General Comment:</u></b>		

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*Steps were taken to minimize accidental ignition.*

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